

LIST OF FISHES COLLECTED AND OBSERVED IN NORTH
CAROLINA BY THE STRAWBERRY HORN HAWK,
DURING THE WINTER OF 1890-'91.

W. H. Vondrak, Naturalist.

Percinnyx nassatus.

Seen very far down Nappah Bay. Taken in
small net.

Amia nassatus.

Very often taken by the Fishermen in large
numbers at Cape Lookout, N. C.

Zonotrichia querula.

Very common with *N. nassatus* at Cape Look-
out. Also caught occasionally on
hemp lines at other places in river.

Very abundant at Cape Lookout.

Dasyatis sayi.

One specimen taken at Matlony Pass Is. S.

Edisto R., many at Cape Lookout, N.C.

Acipenser sturio var. *oxyrinchus* ?

Abundant in rivers. Fishermen take many in drift nets. Sailing is made from the river.

Lepidosteus osseus.

Very plentiful in fresh rivers. So abundant that mud fishing is almost impossible as the ear is numerous. Taken in South Edisto R. and Minneh Bay.

Anisus calva.

Abundant in the vicinity of Georgetown,
S. C.

Arius platyccephalus.

Taken in Sampit river at Georgetown.

Stomach full of filth.

Hybognathus maculatus.

Taken in numbers in the Sampit R. at Georgetown, S. C., December 30, 1890.

Clupes sapidissimus.

Taken in the South Edisto River and Winyah Bay, February 28th and March 31, respectively.

Opiathonoma chinna?

Young found plentifully at Chisholm's Id., Coosaw River.

Clupes mediterraneus

South Edisto R. and Winyah Bay with *C. sapidissimus*.

Streortin tyranus.

South Edisto R. February 20. Winyah Bay March 31. In both localities the fish were affected with the parasite *Cynothoe praeputior* and a *Monogenean*.

Stolephorus Mitchellii.

~~Stolephorus~~ *mitchilli*.

Tybee Roads, Ga., March 15, 1891; Morehead City, N. C., February 31, 1891.
Not very abundant.

Pandulus natalinus.

North Island, Winyah Bay, January 10, '91;
Tybee Roads, Ga., March 15, 1891;
Null Creek, S. C.

Pandulus heteroclitus.

North Island, Winyah Bay, January 6, 1891;
plentiful. Tybee Roads, Ga., March
15, 1891; Null Creek, Edisto Island,
March 3, 1891; Ashley River, Cooper
River, February 29. This seems to
be the most abundant species of Cy-
prinodont in this region.

Cyprinodon variegatus.

N. Island, Winyah Bay, January 6, 1891.
A few small ones taken.

Amoria parva.

North Island, Winyah Bay, January 6, 1891;
plentiful at this place.

Velitesia latipinna.

A few found at North Island, Winyah Bay
and at Morris Island, March 5, 1891.

Amoria rotundata.

Lady's Island, South Island, Edisto Island

Ranox rotundata.

Said to be abundant in the Pee Dee River.

Saw a few at this place.

Amoria rotunda.

Small ones taken at Georgetown, December
20, 1890 and at Georgetown Light,
Winyah Bay.

Spirorbis laevisans.

Winyah Bay, Feb. 29, 1891. Morehead
City, N. C., April 7, 1891.

Mugil cephalus.

Winnab Bay and Musquit River, very abundant.
Fins taken December 20, 1890.
Length about four inches long.

Querimana crenata.

Very abundant in Winnab Bay in January '91.
Fins taken all along the coast later in
the season.

Menidia notata.

Abundant all along the coast all winter.
Spawning females taken April 7, 1891,
at Georgetown City, N. C. No males
observed here.

Menidia laciniata.

Taken April 7, 1891 at Georgetown City, N. C.
Fins taken during the all
winter, associated with *M. notata*
which on this we were observed were
all females.

Menidia peninsulae.

Taken at Georgetown, December 20, 1890.

Trichurus lepturus.

One taken at Hatteras Inlet.

Poecilia saltatrix.

Very very small ones taken in larvo salines
at Cape Lookout, N. C., April 6, '91.

Stromateus trinacria.

Hatteras Inlet, N. C., Port Union, N. C.

Stenobrycon pulcher.

Pee Dee River, December 31, 1890.

Lepomis pullinus.

Abundant in Pee Dee River. Pee Dee,
Dec. 31, 1890.

Lepomis gibbosus.

Pee Dee River, December 31, 1890.

Micropterus salmoides.

Abundant Pee Dee River.

Morone americana.

Pee Dee River, Dec. 31, 1890, Sampit R.
December 20, 1890.

Myriophyllum strictum.

Wade Branch, S. C.

Lemna rhomboides.

Very plentiful at Newbern City, April 7, '91.

Prorogia ciliolata.

Young taken at Tybee Roads, very plentiful.

Decidua obryzaea.

Types Roads - abundant. dredged City,

etc., April 7, 1891.

Salvinia natans.

Abundant all along the coast.

Leskeia xanthina.

Abundant all along the coast. Young

taken at Newbern City, April 7, '91.

Urospidium alternans.

Pattengill Inlet. Dredged.

Cynoacanth rosalia.

Common at Cape Lookout. Found there in large schools in large quantities. This species here seems to take the place of the *C. maculatum* of farther south, although both species are found side along the coast.

Astroscopus argyllus.

Chisholm's Island, Coosaw River, Feb. 19, '91
North Island, Winyah Bay, Jan. 5, '91
Coosaw River February 12, '91. Not
uncommon. All young.

Urophycis palauensis.

Sumter River, Dec. 30, 1890; Winyah Bay,
December 31, 1890.

Collettea boyeri.

Charleston Harbor, Skull Creek, May 11.
Jericho Creek, Port Royal Island.
Parrot Creek. Abundant everywhere.

Prionotus—

Prionotus latifrons.

Monterey Inlet, Cape Town, Cape
City, Minas.

Gobiosox attenuatus.

Couper R., Rhode Island. Not uncommon.

Myrophis leu.

Abundant everywhere. Young taken in
quantities during whale season.

Myrophis attenuatus.

Pericle Creek, Port Royal, Tadoussac. Not
at all rare.

Enchelycore banksii.

Pericle Creek, Grand Banks. Not at all
common.

Myrophis carliti.

One found in ocean at Monterey Inlet.

Myrophis regularis.

Three young, young, North Island, young;
Charleston Harbor, young.

Paralichthys dentatus.

Winyah Bay, Charleston Harbor.

Paralichthys albiguttatus.

Winyah Bay.

Paralichthys labiosus.

Coosaw River, Parrot Creek.

Urophycis crinita.

Coosaw River, February 16, 1891. Parrot Creek, Callabungau Sound, &c. other places. Not rare.

Ancylaspis quadrivalvis.

Coosaw River, February 16, 1891. Callabungau Sound, W. Inlet. Not very rare.

Achirus fasciatus.

Charleston Harbor. Abundant.

Amorimia plagiata.

Abundant everywhere.

Chiloglanis geometricus.

Irvineland City; Cape Lookout; very common.